

Appendix C: Acronyms and Abbreviations

A

1NAP: 1-naphthol

AFO: animal feeding operation

AHA: American Heart Association

AHEF: Atmospheric and Health Effects Framework

AIRS: Aerometric Information Retrieval System

AM: atrazine mercapturate

ANC: acid-neutralizing capacity

APCs: areas of probable concern

AQI: Air Quality Index

AQS: Air Quality System

AREAL: Atmospheric Research and Exposure Assessment Laboratory

ARS: Agricultural Research Center

ATSDR: Agency for Toxic Substances and Disease Registry

AVHRR: advanced very high resolution radiometer

AVS: acid volatile sulfide

B

BASE: Building Assessment Survey and Evaluation

BBS: Breeding Bird Survey

BCI: Bird Community Index

BEACH: Beaches Environmental Assessment and Coastal Health Program

BEIR VI: Biological Effects of Ionizing Radiation

BLM: Bureau of Land Management

BRAC: base realignment and closure facilities

BRD: Biological Resources Division

C

C&I: criteria and indicators

CAA: Clean Air Act

CAFOs: confined animal feeding operations

CAPI: computer-assisted personal interviewing

CASTNet: Clean Air Status and Trends Network

CBP: Chesapeake Bay Program

CCA: chromate copper arsenate

C-CAP: Coastal Change Analysis Program

CDC: Centers for Disease Control and Prevention

CDDS: California Department of Developmental Services

CEMS: continuous emissions monitors

CENR: Council on the Environment and Natural Resources

CERCLA: Comprehensive Environmental Response, Compensation, and Liability Act

CERCLIS: Comprehensive Environmental Response, Compensation, and Liability Information System

CESQGs: conditionally exempt small quantity generators

CFCs: chloroflourocarbons

CHD: coronary heart disease

cm: centimeter

CMSAs: consolidated metropolitan statistical areas

CO: carbon monoxide

COHb: carboxyhemoglobin

COPD: chronic obstructive pulmonary disease

COS: carbonyl sulfide

CPI: Consumer Price Index

CPSC: Consumer Product Safety Commission

CRA: comparative risk assessment

CRP: Conservation Reserve Program

CSO: combined sewer overflow

CSTE: Council of State and Territorial Epidemiologists

CVD: cardiovascular disease

CWA: Clean Water Act

CWS: community water system

D

DBPs: disinfection byproducts

DDE: dichlorodiphenyldichloroethylene

DDT: dichlorodiphenyltrichloroethane

DO: dissolved oxygen

DOC: dissolved organic carbon

DOE: U.S. Department of Energy

DOI: U.S. Department of the Interior

DSS: decision support systems

DU: Dobson Units

E

EBD: environmental burden of disease

ECAO: Environmental Criteria and Assessment Office

ECI: Employee Cost Index

EDC: endocrine-disrupting compounds

EEA: essential ecological attribute

EECL: equivalent effective chlorine

EEZ: U.S. Exclusive Economic Zone

EMAP: Environmental Monitoring and Assessment Program

ENSO: El Niño-Southern Oscillation

EPA: U.S. Environmental Protection Agency

STAR: Science to Achieve Results

EPCRA: Emergency Planning and Community Right-to-Know Act

EPHI: environmental public health indicators

EPO: Epidemiology Program Office

EPT: Ephemeoptera, Plecoptera, and Trichoptera Index

ERL: effects range low

ERM: effects range medium

EROS: Earth's Resources Observation System

ESG: Equilibrium Partitioning Sediment Guidelines

ESI: Environmental Sensitivity Index

ESRD: end stage renal disease

ETS: environmental tobacco smoke

F

FDA: Food and Drug Administration

FHM: Forest Health Monitoring Program

FIA: Forest Inventory and Analysis

FQPA: Food Quality Protection Act

FS: Forest Service

FY: fiscal year

G

GAO: General Accounting Office

GBD: global burden of disease

GDP: gross domestic product

GI: gastrointestinal illness

GIS: geographic information systems

GLEAMS: groundwater loading effects of agricultural management

GPRA: Government Performance Results Act

H

HABs: harmful algal blooms

HCB: hexachlorobenzene

HCFCs: hydrochlorofluorocarbons

HFCs: hydrofluorocarbons

HHS: Department of Health and Human Services

HHW: household hazardous waste

HUC: hydrologic unit code

HUMUS: hydrologic unit modeling of the United States

I-J

IAQ: indoor air quality

IBI: index of biotic integrity

ICCC: international classification of childhood cancer

ICTDRN: International Center for Tropical Disease Research Network

IDEM: Indiana Department of Environmental Management

IMP: integrated pest management

IMPROVE: Interagency Monitoring of Protected Visual Environments

IPCS: International Programme on Chemical Safety

IQ: intelligence quotient

IRIS: Integrated Risk Information System

IWI: Index of Watershed Indicators

K-L

lbs: pounds

LDC: least distributed condition

LQGs: large quantity generators

LTER: long-term ecological research

LUST: leaking underground storage tanks

km: kilometers

M

MA: metropolitan area

MAD: malathion dicarboxylic acid

MAIA: Mid-Atlantic Integrated Assessment

MBII: Macroinvertebrate Biotic Integrity Index

MCL: maximum contaminant levels

MDC: minimally distributed condition

MDN: Mercury Deposition Network

μ/m³: micrograms per cubic meter

μ/dl: micrograms per deciliter

μ/L: micrograms per liter

MRLC: Multi-Resolution Land Characteristics

MSAs: metropolitan statistical areas

N

N₂: nitrogen

NAAQS: National Ambient Air Quality Standards

NADP: National Atmospheric Deposition Program

NAE: National Academy of Engineering

NAMS: national air monitoring stations

NAO: North Atlantic Oscillation

NAPAP: National Acid Precipitation Assessment Program

NAS: Nonindigenous Aquatic Species

NASA: National Aeronautics and Space Administration

NASQAN: National Stream Quality Accounting Network

NASS: National Agricultural Statistics Service

NAWQA: National Water Quality Assessment Program

NCEA: National Center for Environmental Assessment

NCES: National Center for Education Strategies

NCEH: National Center for Environmental Health

NCFAP: National Center for Food and Agricultural Policy

NCHS: National Center for Health Statistics

NCI: National Cancer Institute

NCS: National Children's Study

NDVI: Normalized Difference Vegetation Index

NEI: National Emissions Inventory

NEP: National Estuary Program

NEPA: National Environmental Policy Act

NERRS: National Estuarine Research Reserve System

ng/mL: nanograms per milliliter

NHANES: National Health and Nutrition Examination Survey

NHATS: National Human Adipose Tissue Survey

NH₃: ammonia

NHD: National Hydrography Dataset

NHEXAS: National Human Exposure Assessment Survey

NHIS: National Health Interview Survey

NHLBI: National Heart, Lung, and Blood Institute

NIH: National Institutes of Health

NINDS: National Institute of Neurological Disorders and Stroke

NLCD: National Land Cover Data

NLFWA: National Listing of Fish and Wildlife Advisories



NLV: Norwalk-like virus

nm: nanometers

NMI: Nematode Maturity Index

MMWR: Morbidity and Mortality Weekly Report

NMVOCs: non-methane volatile organic compounds

NO₂: nitrogen dioxide

NO_x: nitrogen oxides

NOAA: National Oceanic and Atmospheric Administration

NOPES: Nonoccupational Pesticide Exposure Study

NPL: National Priorities List

NPP: Net Primary Production

NRC: National Research Council

NRCS: Natural Resources Conservation Service

NRI: National Resources Inventory

NSF: National Science Foundation

NSI: National Sediment Inventory

NSSP: National Sanitary Survey Program

NS&T: National Status and Trends Program

NTN: National Trends Network

NVSS: National Vital Statistics System

NWHC: National Wildlife Health Center

NWI: National Wetlands Inventory

O₃: ozone

OAQPS: Office of Air Quality Planning and Standards

OAR: Office of Air and Radiation

OCFO: Office of the Chief Financial Officer

OCHP: Office of Children's Health Protection

OCIR: Office of Congressional and Intergovernmental Relations

OECA: Office of Enforcement and Compliance Assurance

OEI: Office of Environmental Information

ODP: ozone-depleting potential

ODS: ozone-depleting substance

OE: Office of Enforcement

OECD: Organization for Economic Cooperation and Development

OPEI: Office of Policy, Economics, and Innovation

OPs: organophosphate pesticides

OPP: Office of Pesticide Programs

OPPE: Office of Policy, Planning, and Evaluation

OPPT: Office of Pollution Prevention and Toxics

OPPTS: Office of Prevention, Pesticides, and Toxic Substances

ORD: Office of Research and Development

OSWER: Office of Solid Waste and Emergency Response

OW: Office of Water

P

P: phosphorus

PAH: polycyclic aromatic hydrocarbons

Pb: lead

PBTs: persistent bioaccumulative toxics

PCBs: polychlorinated biphenyls

PCC: poison control centers

PCDD: polychlorinated dibenzo-dioxin

PCDF: polychlorinated dibenzo-furan

pCi/L: picocuries per liter

PDO: Pacific Decadal Oscillation

PDP: Pesticides Data Program

PECDF: pentachlorodibenzofuran

PERC: chloroform tetrachloroethylene

PFCs: perfluorinated carbons

PIBI: Periphyton Index of Biotic Integrity

PM: particulate matter

PM₁₀, PM_{2.5}: particulate matter 10, 2.5 micrometers (coarse, fine)

PMSAs: primary metropolitan statistical areas

POPs: persistent organic pollutants

POTW: publicly owned treatment works

PPI: Producer Price Index

PSR: pressure-state-response framework

PSR/E: pressure-state-response-effects framework

PWS: public water system

Q-R

QA/QC: quality assurance/quality control

RB meter: Robertson-Berger meter

RCRA: Resource Conservation and Recovery Act

RCRAInfo: Resource Conservation and Recovery Act Information System

ReVA: Regional Vulnerability Assessment Program

RMSF: rocky mountain spotted fever

ROE: EPA's Report on the Environment

RPA: Resource Planning Act

RUSLE: revised universal soil loss equation

S

SAB: Science Advisory Board

SARA: Superfund Amendment and Reauthorization Act

SAV: submerged aquatic vegetation

SDWA: Safe Drinking Water Act

SDWIS: Safe Drinking Water Information System

SDWIS/FED: Safe Drinking Water Information System/Federal version

SeaWiFS: sea viewing wide field-of-view sonar

SEER: Surveillance, Epidemiology, and End Results Program

SEM: simultaneously extracted metals

SF6: sulfur hexafluoride

SIC: standard industrial classification

SIDS: sudden infant death syndrome

SLAMS: state/local air monitoring stations

SMSA: Standard Metropolitan Statistical Area

SO₂: sulfur dioxide

SOLEC: State of the Great Lakes Ecosystem Conference

SQI: Soil Quality Index

SPARROW: SPAtially-Referenced Regression On Watershed Attributes

SQGs: small quantity generators

SSO: sanitary sewer overflow

SST: sea surface temperature

STATSGO: State Soil Geographic Database

STORET: STORage and RETrieval Database

SWAT: Soil and Water Assessment Tool

T

TBP: theoretical bioaccumulation potential

TCE: trichloroethylene

TDCF: tetrachlorodibenzofuran

TESS: Toxic Exposure Surveillance System

THMs: trihalomethanes

TIME: temporally integrated monitoring of ecosystems

TMDL: total maximum daily load

TN: total nitrogen

TOC: total organic carbon

TOMS: total ozone mapping spectrometer

TP: total phosphorus

TRI: Toxics Release Inventory

TD: Technical Document for EPA's Report on the Environment

TSDs: treatment, storage, and disposal facilities

TYPY: 3,5,6-trichloro-2-pyridinol

U-Z

UAs: urbanized areas

UCs: urban clusters

UN: United Nations

UNEP: United Nations Environment Programme

USDA: U.S. Department of Agriculture

USFWS: U.S. Fish and Wildlife Service

USGS: U.S. Geological Survey

UST: underground storage tanks

UV: ultraviolet

UV-A: ultraviolet A

UV-B: ultraviolet B

VMT: vehicle miles traveled

VOCs: volatile organic compounds

WBDO: Waterborne disease outbreak

WHO: World Health Organization

WMO: World Meteorological Organization

WMPC: waste minimization priority chemicals